EMD 300

8,5mm (1/3") weather and vandal-proof day/night mini dome camera for mobile use, high resolution

- High resolution technology (550 TV lines)
- IP67 weatherproof and vandal-proof outdoor housing
- 3-axis positioning for flexible selection of viewing angle
- Day / night operation
- Low power consumption
- Available with black or silver base

EMW 330

8,5mm (1/3") day/night vandal-proof mobile camera with IR LED, high resolution

- High resolution technology (560 TV lines)
- Streamline wedge type chassis
- Electronic day / night switching with daylight sensor
- Dual position lens
- Dual position IR illuminators provide clear images up to approx. 15 metres
- Vandal-proof IP67 weatherproof housing
- Wall / ceiling mounting options - no bracket required
- Built-in heater

EPR 110

Harddisk reader for SATA harddisks

EPR 120

Harddisk reader for EMV 400 mobile DVR harddisks

- EPR 110 DVR model support: EMV 1200 / EMV 1200 W / EMV 800 / EMV 800 W
- EPR 120 DVR model support: EMV 400 / EMV 400 W
- **Operations**: 1/4/9/16 multi-channel playback // playback forward / backward at 0,1 ~ 16x speed // audio playback for 1 ~ 60 FPS recordings // pause // step forward // step backward
- **Search functions**: search video by segment list, date/time and alarm list // slidebar to move video pointer // display current video date/time
- **Archive**: save still image to BMP or JPEG file // print still image // save video to Motion JPEG AVI file up to 4 GB // save disk raw data into proprietary file // save metadata to text or binary file

EDA-USBEXT

USB extender for USB mouse / DVR connection

- **Power**: 5 V DC with external power adaptor, ~ 50 mA, depending on USB mouse type
- **Cable type**: Cat5, Cat5e, Cat6 standard network patch cable, max. 60 m
- **USB mouse type**: USB 1.1, type depending on DVR type

EDA 957 EP 264

Harddisk tray for SATA harddisks

- **DVR models**: Paragon 264-16 / Paragon 16 ECOR 264-16 / ECOR 264-9 / ECOR 264-4 / EMV 1200 / EMV 1200 W / EMV 800 / EMV 800 W

EMV 400 HT

Harddisk tray for EMV 400 mobile DVR harddisks

- **DVR models**: EMV 400 / EMV 400 W

EverFocus®

Focused on you!

For further EverFocus products, please refer to the latest Product Catalogues:

Product Catalogue Edition 2011

Products in focus:

Paragon 264x4-32

32-channel H.264 Digital Video Recorder, Full HD 1080p output

EZ 610

8,5mm (1/3") day / night outdoor camera with WDR and motorised varifocal lens, automatic IR cut filter

Product Catalogue Edition 2011 HD-CCTV

Products in focus:

EDR HD-4H4

8-channel (4 HD-CCTV + 4 SD-CCTV) Hybrid Digital Video Recorder, Megapixel and Standard Video over Coax

EHH 5200

2.0 Megapixel Full HD-CCTV day / night vandal-proof outdoor dome camera with progressive scan, automatic IR cut filter

Product catalogue Edition 2011 NeVio IP

Products in focus:

ENR 400

4-channel Network Recorder (upgrade option for up to 32 channels)

EAN 3200

2.0 Megapixel Full HD H.264 day / night network camera, automatic IR cut filter

EverFocus®

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2011
Mobile Video Surveillance

Mobile DVRs

Mobile Cameras

Mobile Accessories

EverFocus®

Focused on you!

Mobile Video Surveillance

Advantages

Shock and vibration-proof design with specific GUI for small size monitors

All EverFocus Mobile Digital Video Recorders offer H.264 compression and are designed with a graphic user interface (GUI) to suit the small size monitors often used in mobile applications. The 2-channel DVR EMV 200 is the perfect entry model offering an SD card interface for recording on a max. 32 GB V 3.3 SD card (optional). The 4-, 8- and 12-channel models include a thermostat-controlled heater with delay function for DVR booting at low temperatures. They are equipped with a shock and vibration-proof mounting kit and are optionally available with wireless interface (802.11 b/g WiFi). Moreover, these models offer camera power outputs (interface cables to power jacks included) powering the cameras with 12 V DC, even when used in vehicles with 24 V input voltage (e.g. trucks or buses).

Mobile Digital Video Recorders - Overview

DVR model	EMV 1200 / EMV 1200 W	EMV 800 / EMV 800 W	EMV 400 / EMV 400 W	EMV 200
Camera inputs	12	8	4	2
Storage medium	1 removable 6,35 cm (2,5") SATA harddisk (for automotive applications) OR 1 removable 8,9 cm (3,5") SATA harddisk (for non-automotive applications)	1 removable 6,35 cm (2,5") SATA harddisk (for automotive applications) OR 1 removable 8,9 cm (3,5") SATA harddisk (for non-automotive applications)	1 removable 6,35 cm (2,5") SATA harddisk	SD card interface for optional SD card 3.3 V, supports SDHC host specification, 32 GB max.
Compression	H.264			
Recording rate	1 ~ 400 IPS (352 x 288) 1 ~ 200 IPS (704 x 288) 1 ~ 100 IPS (704 x 576)	1 ~ 200 IPS for all resolutions	1 ~ 100 IPS (352 x 288) 1 ~ 100 IPS (704 x 288) 1 ~ 50 IPS (704 x 576)	1 ~ 50 IPS for all resolutions
	individual setup per channel for normal and event recording (remaining rate to be distributed among remaining channels)			
Ethernet	RJ45 socket, 10/100 Mbps			
Wireless (802.11 b/g WiFi)	optional	optional	optional	-
Interfaces	1 x RS-232, 1 x RS-485, 3 x USB, 1 x GPS receiver (crimp terminal connectors with adaptor cables)			1 x RS-232, 1 x USB 2.0
GPS	interface for optional GPS receiver, display / record of position and vehicle speed, GPS fence function			embedded GPS module with GPS antenna
Audio	12 mono (line) inputs 2 mono (line) outputs	8 mono (line) inputs 2 mono (line) outputs	4 mono (line) inputs 1 mono (line) output	1 mono (line) input 1 mono (line) output
Alarm	12 alarm inputs 2 relay outputs	8 alarm inputs 2 relay outputs	4 alarm inputs 2 relay outputs	2 alarm inputs 1 alarm output
Heater	internal heater ~ 20W, thermostat-controlled, with delay function for DVR booting at low temperatures			-
Acceleration / G-sensor	integrated G-sensor, adjustable event trigger level for X/Y and Z axis, range 0,072 ~ 9 G			-
Setup	graphic user interface (GUI), optimised for display on small size monitors			
Control	IR remote control, USB mouse control, optional: network, RS-485 keyboard EKB 500			IR remote control, USB mouse control
Archive	to USB flash stick via USB 2.0 interface, optional via network			to USB flash stick via USB 2.0 interface, removable SD card
Watchdog function	yes	yes	yes	yes
Password protection (3 levels)	yes	yes	yes	yes
Operating shock	8 G, 11 ms (20 per 5 seconds max.)			-
Operating vibrations	5 ~ 20 Hz, 0,037² (double amplitude), 5 ~ 500 Hz (0 to peak)			-
Ambient temperature	-40°C ~ +55°C			-10°C ~ +55°C
Dimensions (WxHxD) without mobile mounting kit	210 x 70 x 260 mm	210 x 70 x 260 mm	178 x 50 x 199 mm	117 x 63 x 38,4 mm
Dimensions (WxHxD) with mobile mounting kit	313,5 x 97,8 x 260 mm	313,5 x 97,8 x 260 mm	272 x 145 x 224 mm	-
Weight (with / without mobile mounting kit)	3,65 / 3,2 kg	3,65 / 3,2 kg	2,15 / 1,7 kg	300 g

EMV 1200

12-channel Mobile H.264 Digital Video Recorder

Camera power provided | Supports multiple interfaces | Explosion-proof storage | Mono Drives | User interface | Audio I/O | H.264 | Removable hard disk | G Sensor | Working temperature -40°C~+55°C | Supply 10V~36VDC | Shock and Vibration resistant | Embedded GPS

Features

- H.264 compression format for efficient disk and network utilization
- Special graphic user interface (GUI) design for use with small size mobile monitors
- Variable recording speeds up to 400 IPS
- Recording rate, resolution and quality individually adjustable for each camera
- Front and rear panel video / audio outputs for easy connection and configuration
- Shock and vibration-proof crimp connectors with adaptor cables
- Embedded 3-axis G-sensor function with separate programmable alarm levels for X/Y and Z axis
- Removable harddisk (6,35 cm / 2,5" or 8,9 cm / 3,5") for video storage
- Optional wireless 802.11 b/g interface
- GPS function tracks speed and geographic limits (requires optional external GPS receiver)
- Thermostat-controlled heater allows extended low temperature range
- Multiple interfaces: 3x USB, RS-485, RS-232, GPS port, wired Ethernet, IR remote control
- 12 alarm inputs, 2 relay outputs
- 12 V DC camera power outputs for 12 cameras; interface cable to power jacks included
- Shock and vibration-proof mounting kit
- Data archiving via USB 2.0 port or network interface
- Real time audio recording at any video recording speed
- Ethernet interface for remote network viewing and controlling

EMV 400

4-channel Mobile H.264 Digital Video Recorder

Camera power provided | Supports multiple interfaces | Explosion-proof storage | Mono Drives | User interface | Audio I/O | H.264 | Removable hard disk | G Sensor | Working temperature -40°C~+55°C | Supply 10V~36VDC | Shock and Vibration resistant | Embedded GPS

Features

- H.264 compression format for efficient disk and network utilization
- Special graphic user interface (GUI) design for use with small size mobile monitors
- Variable recording speeds up to 100 IPS
- Recording rate, resolution and quality individually adjustable for each camera
- Front and rear panel video / audio outputs for easy connection and configuration
- Shock and vibration-proof crimp connectors with adaptor cables
- Embedded 3-axis G-sensor function with separate programmable alarm levels for X/Y and Z axis
- Removable harddisk (6,35 cm / 2,5") for video storage
- Optional wireless 802.11 b/g interface
- GPS function tracks speed and geographic limits (requires optional external GPS receiver)
- Thermostat-controlled heater allows extended low temperature range
- Multiple interfaces: 3x USB, RS-485, RS-232, GPS port, wired Ethernet, IR remote control
- 4 alarm inputs, 2 relay outputs
- 12 V DC camera power outputs for 4 cameras; interface cable to power jacks included
- Shock and vibration-proof mounting kit
- Data archiving via USB 2.0 port or network interface
- Real time audio recording at any video recording speed
- Ethernet interface for remote network viewing and controlling

EMV 800

8-channel Mobile H.264 Digital Video Recorder

Camera power provided | Supports multiple interfaces | Explosion-proof storage | User interface | Audio I/O | H.264 | Removable hard disk | G Sensor | Working temperature -40°C~+55°C | Supply 10V~36VDC | Shock and Vibration resistant | Embedded GPS

Features

- H.264 compression format for efficient disk and network utilization
- Special graphic user interface (GUI) design for use with small size mobile monitors
- Variable recording speeds up to 200 IPS
- Recording rate, resolution and quality individually adjustable for each camera
- Front and rear panel video / audio outputs for easy connection and configuration
- Shock and vibration-proof crimp connectors with adaptor cables
- Embedded 3-axis G-sensor function with separate programmable alarm levels for X/Y and Z axis
- Removable harddisk (6,35 cm / 2,5" or 8,9 cm / 3,5") for video storage
- Optional wireless 802.11 b/g interface
- GPS function tracks speed and geographic limits (requires optional external GPS receiver)
- Thermostat-controlled heater allows extended low temperature range
- Multiple interfaces: 3x USB, RS-485, RS-232, GPS port, wired Ethernet, IR remote control
- 8 alarm inputs, 2 relay outputs
- 12 V DC camera power outputs for 8 cameras; interface cable to power jacks included
- Shock and vibration-proof mounting kit
- Data archiving via USB 2.0 port or network interface
- Real time audio recording at any video recording speed
- Ethernet interface for remote network viewing and controlling

EMV 200

2-channel Mobile H.264 Digital Video Recorder with Integrated GPS Module

H.264 | Working temperature -10°C~+55°C | Compact Size | SD Card | Mono Drives | User interface | Audio I/O | Shock and Vibration resistant | Support multiple interfaces | Support 10V~36VDC | Embedded GPS

Features

- H.264 compression format
- Real time Full D1 recording up to 50 IPS
- Plug & Play SD card recording (for SD card V 3.3, SD card not included)
- 2 alarm inputs, 1 alarm output
- Embedded GPS module
- RS-232 and USB 2.0 interface for connection of external modules
- Shock and vibration-proof Molex connectors
- Compact size for easy installation
- Ethernet interface for remote network viewing and controlling